EMPLOYEE TRAINING RECORD

TRAINING TITLE

Confined Spaces - Making Safe Entries - Types of Equipment and Using Atmospheric Monitors

KEY TEACHING POINTS

TYPES OF EQUIPMENT

- Detects hazards before and during entry. Examples include atmospheric monitors.
- Enables attendants to contact entrants an rescue them. Examples include radios, telephones, and whistles.
- Protects entrants from hazards. Examples include respirators, fall protection equipment, lifelines, and retrieval lines.

USING ATMOSPHERIC MONITORS

- Atmospheric monitoring means using an electronic instrument to measure the concentration of the following types of gases:
 - Oxygen The level must be between 19.5 and 23.5 percent.
 - Combustibles Any level of combustibles above 10% LEL is hazardous.
 - Toxic gases Permit spaces may contain one or more toxic gases.
- Monitors have a sensor that reacts with the gas. The sensor produces an electrical resistance in proportion to the amount of gas it detects. The monitor then measures this resistance and give you a readout of the amount of gas. Colorimetric tubes have a reagent inside the tube that reacts and changes color to indicate the concentration of the gas present.

TEST

QUESTION		ANSWERS	
		TRUE	FALSE
Atmospheric monitors detect hazards before and during entry.			
2. Fall protection protects entrants from hazards of falling.			
3. Only electronic gas meters can be used in confined spaces.			
4. Test for all suspected toxic gases before making a confined space entry.			
5. Oxygen levels above 23.5% are not hazardous.			
EMPLOYEE'S NAME	EMPLOYEE'S SIGNATURE	DATE	
INSTRUCTOR'S NAME	INSTRUCTOR'S SIGNATURE	DATE	

1. True 2. True 3. False 4. True 5. False